BOOK

adth 5	Depth 6	Contents 7	Reference to last Measurement 8

First & Final Bill

M. A. R. 57 (Rule 116)
Measurement Book

No. B

495802

Serial No. .....

Name of Work Levelling, Site, clearing, fencing and Construction of Ramp, water Sanitary pipeline & other works to Indira canteen near Ward No. Jnapura in Ward II (Kumaranagara) Vidyaranyapura sub div.

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Work code —	011 —	18 -	00010	1		
	Work order no :-	EE/BTP/BBMP/KRIDL/WO/141/2018-19 dt - 27.09.18					
	Estimate Cost- & P. Code —	13.96 Lakhs		P-3106			
	A/S & T/S no :—	AS/CE/YNK/06/18-19 dt 30.5.18					
		TS/EE/BTP/63/18-19/dt 13.09.18.					
	Contractor no :-	KRIDL Bangalore					
1)	Earthwork in surface excavation in ordinary soil for levelling & leveling the ground manually (other than foundation & building, canals, roadways & trenches for pipe line & Cable.) and removing the excavated stuff to a distance not exceeding 50 m & lift upto 1.5 m excavated surface levelled						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and neatly dressed, disposal earth to be levelled after breaking of clods and neatly dressed etc complete as per specification & direction of Engineer in charge of work.						
	Lump sum to ground	1	13.70	13.50	$\left(\frac{0.9+0.6}{2}\right)$	138.71 Cu	
		1	9.20	12.20	0.80	88.78 Cu	
						228.50 Cu	
		@ Rs	284.15/Cu			Rs - 64924/-	
2)	Excavation soft rock without blasting for formation & roads including stacking neatly to uniform line & level including cost of explosives labour tools & machines & equipments complete as per specification & with all lead & lift excavated materials	1	10.6	9.50	0.30	30.20 Cu	
		@ Rs	840/Cu			Rs - 24470/-	
3)	Earthwork excavation by manual means in ordinary soil including disposal through initial lead of 50 m & an average lift upto 0.50 m						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of wo
1	2
	Excavated surf
	to be levelled ne
	Lump sum
	for chain link fe
4)	providing & laying
	M15 40 mm & dow
	& fine aggregate @
	15 Cum thick wall

IT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
ears to be levelled after breaking Complete as per specification & deduct			
13.50	(0.9+0.6)/2	138.71 Cu	
		88.79 Cu	
12.20	0.80	228.50 Cu	
		@ ₹ 64924/-	
-15/Cu			
hing the formation & roads including & level including cost & explosives ls complete as per specification			
0.6	9.50 0.30	30.20 Cu	
		@ ₹ 2447.0/-	
70/Cu			
) including full watering an average an average lift upto 0.50 m			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 495803

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Excavated surface to be levelled neatly after breaking & clods & disposed earth as per specification, to be levelled neatly & dressed smooth for chain link fencing	1	13.75	1.5	0.15	3.09 Cu	
		1	13.75	1.20	0.15	2.48 "	
		2	13.75	1.0	0.90	24.75 "	
		2	13.75	1.0	0.90	24.75 "	
					Qty	55.07 "	
					@ ₹ 203.13/m		B- 11186/-
4)	providing & laying in position PCC 1:3:6 concrete with 6mm & down size graded granite metal coarse aggregate @0.8 Cu.m & fine aggregate @0.46 Cu.m machine mixed concrete laid in layers not exceeding 15 Cm thick well compacted in foundation & plinth including cost of all materials						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Labour Hom f Mashing etc Coursle for P/w Chinky fary	2	13.75	0.75	0.15	3.09 Cum	
		2	13.75	0.75	0.15	3.09 "	
	Sundy Sorrings	1	13.75	1.50	0.15	3.65 "	
		1	13.75	1.2	0.15	2.48 "	
					Qty	11.76 Cum	
		@ Rs 5449.6 f/m				B - 64088/-	
	5) providing & Constructing granite/trap/basalt dry stone masonry in foundation with Cum mortar 1:6 stone hammer dressed in Course not less than 20 Cm high bond stones at two m apart in each Course including cost f all materials labour Hom f machinery etc Complete as per specifications as directed by the Engineer-in-charge for the						
		2	13.75	0.75	0.66	12.38 m	
		2	13.75	0.75	0.60	12.18 m	
					Qty	24.56 m	
	@ Rs 4521.96/m					B - 111019/-	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	6) providing & laying in po... providing & laying granite... 1:6 Edge f stone dry... stones at two m apart... Course as per specif... in chain like formwork
	7) providing rubble packing... deep after taking...

NT BOOK

Dimensions			Contents	Reference to last Measurement
	Breadth	Depth		
	5	6	7	8
	0.75	0.15	3.09 Cum	
	0.75	0.15	3.09 "	
	1.50	0.15	3.65 "	
	1.2	0.15	2.48 "	
			11.76 Cum	
			B - 64088	
			24.75 Rm	
	0.75	0.60	12.38 Rm	
	0.75	0.60	12.38 Rm	
			24.75 Rm	
			B - 111919	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

495804

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			@ Rs 5405.40 Cum				B - 60216
	6) providing & laying in position plain cement concrete mix proportion 1:6 (one part of cement & six parts of graded stone aggregate 40 mm nominal size) in foundation & plinth including curing complete as per specification & as directed by Engineer in charge Excluding formwork	2	13.75	0.45	0.45	Dry 1:3:6 mix use Cement @ 220 kg/cum in basement mix Cement mortar 1:3 (one part of cement & three parts of fine aggregate) for bonding stone masonry with less than 15 cm thick bond stones at less than 3 m apart in each course including cost of all materials labour charges for all operations as per specification & as directed by Engineer in charge complete
		2	13.75	0.45	0.45	5.57 Cum	
						11.14 Cum	
			@ Rs 5405.40 Rm			B - 60216	
	7) providing & laying in position cement concrete mix proportion 1:3:6 (one part of cement & three parts of coarse aggregate 20 mm nominal size & six parts of graded stone aggregate 40 mm nominal size) in foundation & plinth including curing complete as per specification & as directed by Engineer in charge Excluding formwork						
	providing & laying in position dressed coursed random rubble stone masonry in foundation & plinth in cement mortar 1:6 (one part of cement & six parts of coarse sand) with hammer dressed stones of not less than 0.15 m thick & not less than 0.45 m wide in courses not less than 0.15 m high & not less than twice the thickness of course in height & not more than 0.60 m apart in each course including cost of all materials labour charges for all operations as per specification & as directed by Engineer in charge complete						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	all materials labour Charges etc complete as per Specification.						
		2	13.75	0.60		16.50	Sft
		2	13.75	0.60		16.50	Sft
				Total Qty		33.0	Sft
				@ Rs - 105.84/Sft		Rs - 3493/-	
8)	providing & laying in position plain cement concrete of mix 1:2:4 with 20 mm & down size graded granite metal Coarse aggregate @ 0.8 cum & fine aggregate @ 0.45 cum reactive Mixed concrete laid in layers not exceeding 15 cm thick well Compacted in frm shuttering & finishing with top surface even & smooth complete as per Specification.						
	Heavy Soil	2	13.75	0.45	0.10	1.24	4
		2	13.75	0.45	0.10	1.24	4
	Sandy Soil	1	13.75	1.5	0.10	2.06	4

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

M. A. R.
Measu

Serial No. .....
Name of Work ..... From.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
		1
9)	supply & fixing M.S Rectangular mesh welded together & fixed to the walls with dowels of length 25 cm at 30 cm c/c horizontally wherever necessary including cutting bends & fixing as per the direction of Engineer in charge complete as per quality part new one coat of	26

T BOOK

sions Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
... as per Specification.			
0.60		16.50	
0.60		16.50	
Total Qty		33.0	
105.04/-		B - 3493/-	
Cube concrete 1:2:4 mix			
... size graded granite Metal ...			
@ 0.45 cum machine Mixed			
15 cm thick well Compacted in ...			
all materials Labour ... machine			
0.45	0.10	1.24	
0.45	0.10	1.24	
1.5	0.10	2.06	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

495805

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	13.75	1.20	0.10	1.65 Cum	
				Total Qty		6.19 Cum	
				@ Rs - 5871.28/m		B - 36374/-	
9/1	Supply & fixing M.S Rectangular poles ... in welded together ... rods each of length 2.5 Cum including ... Scaffolding ... Foundation ... fixed as per ... drawing Expert ... charge ... quality ... are ... Contractor ... checking ...					2 Equal angle of 65mm x 6mm x 6 ... 16mm ø ... & ... cutting, bending, welding ... & all lead & ... including 2 coats ... (excluding ... cost of E.W & Concrete)	
		26 no	2.7m			70.20 m @ Rs 884.52/m	B - 62093/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
10)	providg & fixg M.S bloom pipe of 38 mm dia heavy grade 7.14 mm thk xmoung the bends, cuttg to size & fixg pipe in between the two Vertical poles (M.S rectangular Posts) & fpt welding the chain link wire wherever required incl all lead & lifts & as directed by Engineer incharge complete	2	3			15.75	82.50
		1	3			13.75	41.25
							123.75 m
						@ Rs 349.92/m	= 43303/-
11)	providg chain link fencing 50mm size of 8 gauge properly Stretched between Suitg rectangular poles & fixg with suitable bolts & nuts & free Ends shall be welded to the poles & block pipe at top & bottom & required lead & lifts as per the direction of Engineer incharge complete	2	13.75		2.10	57.75	
		1	13.75		2.10	28.88	
						86.63	
						Total	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ..
Date of commencement of work .....

Date	Full description, etc, of work
1	2
12)	providg & fixg M.S [illegible] 50 mm, 50 mm Metal shape as square rods for vert & 40 mm & 6mm M.S Spikes are provided all the steel surface anti corrosive paint- Galv

REMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
... of 38 mm dia heavy grade ... MS ... to pipe & tray pipe in between the two ... Pipes) & spot welding the chain link with ... all material, labour, Cutting & scaffolding ... lifts & as directed by Engineer ...				
			15.75	82.50 sqm
			13.75	41.25 sqm
				123.75 sqm
			@ Rs 349.82/sqm	= 43303/-
size of 8 gauge perforated Steel shelf ...				
holes & fixed with suitable bolts & ...				
cluded to the rate & blow pipe at top ...				
ost of all materials labour load & lifts ...				
charge & one ...				
3.75				
3.75	2.10		57.75 sqm	
	2.10		28.88 sqm	
			86.63 sqm	
Total of				

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....
Name of Work ..... From..... To..... 495806
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
12)	providing & fixing M.S Grill as per Chief architect drawing ... 50 mm, 50 mm ... square M.S hollow ... frame ... Metal shape as shown in the drawing & 35 mm x 6 mm & & 16 mm x 16 mm ... square rods for verticals alternately spaced at 4 cms c/c with two holes & 40 mm & 6 mm M.S flats for horizontal members & at top ... Spikes are provided at alternate vertical members as shown in the drawing. ... all the steel surface shall be thoroughly cleaned free from rust and painted with ... anti corrosive paint (shop paint) with all lead & lifts ... to ... Gate				@ Rs 3168.72/Tn	711.72 sqm	61658/-
		1	1.20	1.8		2.16 sqm	
		1	3.70	1.8		6.66 sqm	
						8.82 sqm	
					@ Rs	3168.72/Tn @	27948/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
13.	Tubular steel railing 100 mm x 50 mm provided, fixing and embedding in 3 rows, duly painted on medium weight steel channels (ISMC series) 100 mm x 50 mm 1.2 mtrs height above ground 2 m c/c Complete as per approved drawing as per specification.						
	Staircase Side	6	3.0			36.0 m	
		2	0.9			3.6.0 "	
		100	1.8			180.0 "	
						Total Qty - 270.0 m	
						Rs - 418154/-	
						@ Rs 1548.72/m	
14)	Providing & laying in position reinforced cement concrete for design mix M 25 with opc cement @ 340 kg/m³ with 20 mm & down size graded granite metal coarse aggregate @ 0.78 cum & fine aggregate @ 0.47 cum with superplasticizer @ 3 lts conforming to IS 9103-1999 including cost, machine mixed concrete laid in layers not exceeding 15 cm thick vibrated for all						

Assistant Executive Engineer
Vijayanarayanapura Sub Division
BWSSB, Bangalore-560 040

Serial No. .....
Name of Work .....
Name of Contractor of nature
Date of commencement of wo

Date	Full description, etc,
1	2
	works in grou walls, retaining stone buttres blocks etc co
15)	Providing TMT shorting placing binding bars as per design

ENT BOOK

Dimensions			Contents	Reference to last Measurement
th	Breadth 5	Depth 6	7	8
			~~height~~ steel channel (ISMC Secn)	
			~~Entry~~ 50 mm steel pipe railing	
			~~weight~~ steel channel (ISMC Secn)	
			Ground 2 nos @ Complete as per approved	
0			36.0 m	
			54.0 "	
			180.0 "	
			Total Qty - 270.0 m	
			@ Rs 1548.32/m Rs - 418154/-	
			~~wall~~ Cast concrete for designing M 250	
			~~m~~ down size graded granite metal	
			~~e~~ aggregate @ 0.47 cum with superplasticizer	
			~~g~~ ~~x~~ afine cost, machine mixed	
			~~ly~~ 15cm thick is to be rated for all	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

495807

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	~~Work~~ in ground floor level for ~~M~~ slab, staircase, lintel, ~~V~~ beams retaining ~~W~~alls, ~~R~~etaining wall (any thickness) already attached ~~R~~ibs, ~~C~~olumns, ~~F~~ilasters, ~~P~~arapets ~~C~~oping, ~~B~~ed blocks, anchor ~~S~~tuds, ~~b~~utton strip ~~a~~ ~~C~~acing ~~c~~ourses, ~~b~~locks etc complete						
	steps	1	4.60	5.50	0.15	3.80 cum	
		6	6.6	0.45	0.15	1.86 "	
					Total Qty -	5.66 cum	
					@ 6876.36/cum	Rs - 38920/-	
15)	~~P~~rovide, ~~T~~M~~T~~ steel reinforcement for RCC work including straightening, cutting, bending, ~~h~~ooking, placing in position, tying and ~~w~~elding wherever required, tying with ~~b~~inding ~~W~~ire ~~&~~ anchoring to the adjoining members, wherever necessary complete as per design (laps, hooks, ~~&~~ wastages shall not be measured ~~&~~ paid) as per						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Specification premeyes						
	as per page 49-900 of this MB					Qty 0.5 T.W 3730	
	@ Rs 65455/56					Rs 37035/-	
16)	providing & removing centering, shuttering, strutting, propping etc and removal of form work for vertical surface such as walls at any thickness including attached pilasters bottoms plinth and string courses cost full material labour complete as per specification						
		1	4.60	5.50		25.30 Sqm	
		2	4.60	0.50		2.76 "	
						28.056 Sqm	
	@ Rs 316.44/-					Rs 8879/-	
17)	Excavation for lining & electrical conduits including working space	foundation & sanitary, water supply santary					
		earth in Rifts or in trenches 1.5m & above in					
		not exceeding				1.5m in depth- kitchen/	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	drainage the bottom clear from Edges with lead upto 50 water line Sanitary line
18)	providing & laying 15mm heavy TL cpvc plain & brass at 1.0 mtr spacing Solvent cement & test

...ENT BOOK

...gth	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
...o of this MB obj or TMY				
			B - 37035/-	57310
...455/56				
...shuttering, strutting, propping etc and ... of surface such as walls at any ... buttons plinth and storey levels ... as per specification				
...×60	5.50		25.30 sqm	
...·60	0.30		2.76 sqm	
			28.06 sqm	
...44/sqm			B - 8879/-	
...of building, water supply sanitary ... pits or in trenches 1.5m & above in excavating 1.5m in depth including				

M. A. R. 57 (Rule 116)

Measurement Book

No. B 495808

Serial No. ....

Name of Work .... From.................... To....................

Name of Contractor of nature of Agency ....

Date of commencement of work ....

Date 1	Full description, etc, of work 2	Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	draining the bottom & sides of pits & trenches stacking the excavated soil clear from edges of excavation soil clear from edges & excavation with lead upto 50m after breaking of clods complete as per specification						
	water line	1	30.0	0.60	0.90	16.20 m	
	Sanitary line	1	30.0	0.60	0.90	16.20 m	
						32.40 m	
			@ Rs 189/m	Qty		Rs - 6124/-	
18)	providing & fixing chlorinated polyvinyle chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings including fixing the pipe with clamp at 1.0 mtr spacing this includes jointing of pipes & fittings with one step CPVC solvent cement & testing of joints complete 25mm nominal OD pipes						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Water line	—	1 × 70 m			70 m	
			@ Rs 183.60/m			Rs - 12852/-	
19)	Refilling the basement of pipeline trenches with selected available earth from the excavation including watering, consolidation in layers from the dispensary of the Surplus earth with a heavy 200 mm						
						only vide Item no 1 32.40 cum	
						@ Rs 61/cum Rs 1976/-	
20)	Providing & fixing in position brass gate valve with CI wheel of approved quality (Screwed End) 25 mm nominal bore including cutting all materials, labour, tools & equipments complete as per Specification etc complete						
		5				5 no	
						@ Rs 648/no Rs - 3240/-	
21)	Supplying & fixing M.S rectangular poles made out of 2 Nos angles of						

Serial No. .....
Name of Work .....
Name of Contractor of
Date of commencemen

Date	Full descript
1	2
	65 mm × 65
	duly MS
	Cutty bend
	all lead
22)	Providing
	to Sendy
	rectangular
	all materials

NT BOOK

mensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
			70 m	
			Rs - 12852/-	
3-60/m				
tenders with Schedule available				
already authority Addition in lieu				
of the Supply only with heavy 200				
Item no 1 32.40 m				
@ Rs 61/m Rs - 1976/-				
as Safe Value with CI sheet of				
same nominal Size already Entry				
in Rate with all lead Complete as per				
5 m				
@ Rs 648/no Rs - 3240/-				
er poles made only 2 Spot amps of				

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....
Name of Work ..... From..... To..... 495809
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	65 mm x 65 mm x 6 mm welded together & fixed in CC (1:2:4) with 2 no 16 mm dia MS hold fast rods each 25 Cms length already cast fall Masonry Cutting, Scaffolding wherever necessary nicely finishing the weld joint with all lead & lifts as per Specification at Complete	7 / 4	2.0 / 2.0			14.0 m 8.0 m 22.0 m @ Rs 884.52/m Rs - 19459/-	
22)	Supply & fixing MS black pipe of 38 mm dia heavy gauge of 14 with existing two reducer poles of MS pipe with MS flat & Spot welding the chain link with MS block already cast in all Masonry work in Cutting & Scaffolding wherever necessary with all lead & lifts						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	as directed by Engineer in charge Posts						
		3	15.0			45.0 m	
		3	11.0			33.0 m	
						78.0 m	
			@ Rs 349.92/m			Rs - 27294/-	
23)	providing chain link fencing 50 mm size of 8 gauge Properly Steeling between existing regular poles & fixed with Suitable bolt & nuts the free ends shall be welded to the Pole & block Ring at top & bottom as required including Cost of all Materials Labour load & lift & as per the directions of Engineer in charge & taxes						
		1	15.0	1.50		22.50 sq m	
		1	11.0	1.5		16.50 sq m	
						39.0 sq m	
			@ Rs 711.92/sq m			Rs - 27757/-	
24)	providing & laying in position to required level or slope 150 mm internal diameter salt glazed stoneware pipes Grade 'A' and jointing with						

Assistant Executive Engineer
Vijayanagara Sub Division
BWSSB, Bangalore-40

Serial No. .....
Name of Work .....
Name of Contractor of nature of
Date of commencement of work

Date	Full description, etc,
1	2
	Stir mixtures cost of Materials Sanit
25)	Construction b depth (Clean non modular with frame (C frame to be 15 kg) RCC granite Metal 12 mm thick wi well of bed

MENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
...gs & posts			45.0 m	
15.6			33.2 m	
11.0			78.0 m	
349.92/m			@ - 27294/-	
0 mm size of 8 gauge Protect Steel ly				
& fixed with Sentasteel bolt & nuts				
ed to M.S. Pole & blow Pipe at top &				
...all Materials labour load & lift &				
...charge & taxes				
15.0	1.50		22.50 m	
11.0	1.5		16.80 x	
			39.0 Sq	
@ 711.72/Sq			@ - 27757/-	
required level or slope 150 mm thick and				
...re pipes grade 'A' and jointing with				

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....
Name of Work ..... From..... To..... 495810
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Stiff mixture of CM in proportion of 1:1 Sand & Cost of Material Labour charges Complete as per Specification Safety line	1	45.0			45.0 m @ 381.24/m @ - 17157/-	
25	Construction brick Masonry inspection chamber 600mm x 600 mm x 450mm depth (Clear inside dimension) for single Pipeline using table Moulded non modular bricks of class designation 50 in cement Mortar 1:5 CI Cover with frame (light duty) 45 5 x 610 mm Internal dimension, total weight of Cover with frame to be not less than 58 kg (weight of Cover 23 kg & weight of frame 15 kg) RCC top slab with Cement Concrete M 15 with 20 mm & down size granite Metal foundation Concrete M 5 with 40 mm & down size Metal inside plastering 12 mm thick with Cement Mortar 1:3 finish smooth with a floating coat of Cement on walls & bed Concrete Complete as per Standard design including cost of all						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Materials labour charges, curing complete as per specification etc complete	6	nos	@ Rs 967.32/-		Rs 5802/-	
26)	Removing & refixing of Kerb stone	2	40	@ Rs 65.96/m		80 no 535.4 Rs 5357/-	
27)	providing & applying ready mix primer coat over concrete/masonry surface after thoroughly cleaning of oil grease dirt & other foreign matter & sand papering including cost of all materials labour complete less stone pantry	80	0.35	@ Rs 28.08/sft		28.0 sft Rs 786/-	
28)	providing & applying spray painting in two coats (excluding primary coat) over concrete/masonry/plastered surface with asbestos cement sheet all round to give even shade after cleaning etc complete						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	surface of all dirt including cost of ma
	Certified that (Rupees
	Certified that the

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

MENT BOOK

Dimensions			Contents	Reference to last Measurement
ength 4	Breadth 5	Depth 6	7	8
Complete as per Specification including 6 mm				
CR 967.32/m			Rs - 58022/-	
CR 66.96/m			Rs - 5757/-	
28.08/Sq			Rs - 786/-	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

495811

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	surface of all dirt dust and other foreign matter including cost of materials labour complete						
	80.00-35						
	CR 71.28/Sq						
	Add 11% Chg KR IDL						
	Certified that the above work done satisfactorily and no materials issued by department)						

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub-Division
Bangalore-97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1395216-00 147892-- 1247324-00 Rs: Twelve lakh forty seven thousand three hundred twenty four only.					Total: 1395216-00 IT - 27904-00 Cess - 13952-00 CBE - 13952-00 LR - 69761-00 FSD - 69761-00 CGST - 13952-00 SGST - 13952-00 Add: 147892-00 Chqe: 12,47,324-00	

First & Final Bill

Serial No. .....

Name of Work Levelling & site an

Name of Contractor of nature of Agency Ind

Date of commencement of work Sriyapura

Date	Full description, etc, of work	N
1	2	
	Work code no : Work order no : Estimate cost & A/A : A/S and T/S no :	
	1) Earth work in Surface ... ground Manually of ... trenches & casting) & ... 50 m & lift upto 1.5 ... earth to be handled & ... obtaining & ...	